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IN THE ABSTRACT:

Please amend the abstract of the disclosure as follows:

A ball endmill having a cylindrical tool body and ball-nosed end cutting edges each of which includes a first portion ~~provided by a radially inner portion of each ball-nosed end cutting edge,~~ and a second portion ~~provided by a radially outer~~ continuous to the first portion. The first and second portions are located at a radially inner portion of each ball-nosed end cutting edge in a distal end view. The first portion is ~~defined by a circular arc which is~~ convex in a direction of rotation of the tool body and ~~which~~ has a first radius of curvature seen in a distal end view. A ratio of the first radius of curvature to an outside diameter of the cylindrical body is between 0.025 and 0.10. The second portion is ~~defined by a circular arc which is~~ convex in the direction of the rotation of the tool body and ~~which~~ has a second radius of curvature as measured in the distal end view. The second radius of curvature is larger than the first radius of curvature.